

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

Listing of claims:

1. (Currently amended): A transfer tool used when a transferring object is transferred on a transferred object ~~such as a paper~~ comprising:

a transfer tool main unit having at least a transfer head capable of bringing the transferring object into contact with the transferred object, the transfer head having a transfer face which comes into contact with the transferred object and on which the transferring object is transferred ~~at the transfer of the transferring object~~ on the transferred object at the time of the transfer of the transferring object, wherein, in a normal use state, the transferring object is transferred on the transferred object by brining the transfer face into contact with the transferred object and moving the transfer face in a predetermined transfer direction; [[,]]

~~the transfer tool including~~

a feeding mechanism for feeding the transferring object to the transferred object by a certain dimension through the transfer face in the state where the transfer face is stopped and pressed with respect to the transferred object; [[and]]

a switching mechanism for selectively switching between a feeding state by the action of the feeding mechanism and the normal use state where the feeding state is released ~~in the state where~~ while holding the transfer face [[is]] in contact with the transferred object; and

a rotatable auxiliary roller having a backing face which comes into contact with a back face of a transferred face of the transferred object in the state where the transferred face of the

transferred object is brought into contact with the transfer face of the transfer head at the time of the transfer.

2. (Currently amended): A transfer tool ~~as state in~~ according to claim 1, wherein the transfer head has a transfer roller ~~[[with]]~~ including the transfer face capable of rotating at the time of the transfer.

3. (Currently amended): A transfer tool ~~as state in~~ according to claim 2, wherein the feeding mechanism can feed the transferring object to the transferred object by the certain dimension by rotating the transfer roller by a certain angle due to an external force.

4. (Currently amended): A transfer tool ~~as state in~~ according to claim 3, wherein the switching mechanism switches between the feeding state where the transfer roller can be rotated by the certain angle depending on the feeding mechanism and the normal use state where the transfer roller can rotate without depending on the feeding mechanism.

5. (Canceled)

6. (Currently amended): A transfer tool ~~as state in~~ according to claim ~~[[5]]~~ 1, wherein the auxiliary roller is provided at a position opposed to the transfer face of the transfer head.

7. (Currently amended): A transfer tool ~~as state in~~ according to claim ~~[[5]]~~ 1, wherein the backing face of the auxiliary roller is located as opposed to the transfer face, thereby relatively separating the backing face from the transfer face.

8. (Currently amended): A transfer tool ~~as state in~~ according to claim ~~[[5]]~~ 1, wherein, by rotating the auxiliary roller by ~~[[the]]~~ a certain angle due to ~~[[the]]~~ an external force and thus moving the transferred object by the certain dimension in a counter-transfer direction reverse to the transfer direction, the transferring object is drawn from the transfer face of the transfer head, ~~resulting in such~~ that the feeding mechanism can feed the transferring object to the transferred object by the certain dimension.

9. (Currently amended): A transfer tool ~~as state in~~ according to claim 8, wherein the switching mechanism switches between the feeding state where the auxiliary roller can be rotated by the certain angle depending on the feeding mechanism and the normal use state where the auxiliary roller can rotate without depending on the feeding mechanism.

10. (Currently amended): A transfer tool ~~as state in~~ according to claim ~~[[5]]~~ 1, further comprising a transferred object supporter capable of contacting ~~[[against]]~~ the transferred object from the back face corresponding to the area which is in contact with the transfer face of the ~~transferred object~~ transfer head in the state where the transfer face is brought into contact with the transferred object,

wherein an inserting space into which the transferred object can be inserted is formed between the transferred object supporter and the transfer tool main unit, and

wherein the transfer head is disposed in the inserting space so that at least the transfer face is exposed from the transfer tool main unit and the auxiliary roller is disposed so that the backing face is exposed from the transferred object supporter.

11. (Currently amended): A transfer tool ~~as state in~~ according to claim 10, wherein by rotating the auxiliary roller by a certain angle due to ~~[[the]]~~ an external force and thus moving the transferred object by the certain dimension in a counter-transfer direction reverse to the transfer direction, the transferring object is drawn from the transfer face of the transfer head, ~~resulting in such~~ that the feeding mechanism can feed the transferring object to the transferred object by the certain dimension, and

~~at least the auxiliary roller and~~ wherein the transfer tool further comprises an operating part capable of rotating the auxiliary roller by ~~[[a]]~~ the certain angle due to ~~[[an]]~~ the external force ~~are provided~~ and the operating part is formed at the transferred object supporter.

12. (Currently amended): A transfer tool ~~as state in~~ according to claim 11, wherein the switching mechanism switches between the feeding state where the auxiliary roller can be rotated by the certain angle by the operating part and the normal use state where the auxiliary roller can rotate without depending on the operating part.

13. (Currently amended): A transfer tool ~~as state in~~ according to claim 11, wherein the auxiliary roller has an auxiliary roller main unit capable of contacting [[against]] the transferred object and a pinion rotating together with the auxiliary roller main unit, and

wherein the operating part rotates the pinion by the certain angle, thereby rotating the auxiliary roller by the certain angle.

14. (Currently amended): A transfer tool ~~as state in~~ according to claim 13, wherein the operating part has an operating lever operably attached to the transferred object supporter and a floating engaging member capable of engaging with the pinion following the operation of the operating lever,

wherein the floating engaging member includes a rack part engaged with the pinion, which is capable of rotating the backing face of the auxiliary roller in the counter-transfer direction ~~is formed at the floating engaging member~~, and

wherein the floating engaging member is configured so as to be capable of taking an engaging attitude in which the rack part engages with the pinion and a retreating attitude in which the rack part is separated from the pinion.

15. (Currently amended): A transfer tool ~~as state in~~ according to claim 14, wherein the operating lever is rotatably and pivotally attached to the transferred object supporter at one end thereof and supports the floating engaging member at the other end thereof, and

wherein a moving direction of ~~the other end and~~ the floating engaging member and a
pivotally moving direction of the other end ~~around one end~~ of the operating lever substantially
corresponds to a tangent line direction of the pinion.

16. (Currently amended): A transfer tool ~~as state in~~ according to claim 14, wherein the
switching mechanism switches between ~~[[a]]~~ the feeding state where the floating engaging
member takes the engaging attitude and ~~[[a]]~~ the normal use state where the floating engaging
member takes the retreating attitude.

17. (Currently amended): A transfer tool ~~as state in~~ according to claim 14, wherein the
operating lever is rotatably and pivotally attached to the transferred object supporter at one end
thereof and supports the floating engaging member at the other end thereof, and

wherein the switching mechanism is configured such that the floating engaging member
takes the engaging attitude when the operating lever is rotated in a predetermined operating
direction so that the pinion rotates the backing face of the auxiliary roller in the counter-transfer
direction, and the floating engaging member takes the retreating attitude when the operating
lever is rotated in a direction reverse to the operating direction.

18. (Currently amended): A transfer tool ~~as state in~~ according to claim 14, wherein the
operating lever is rotatably and pivotally attached to the transferred object supporter at one end
thereof and supports the floating engaging member at the other end thereof,

wherein a supporting shaft supporting the floating engaging member is provided at the other end of the operating lever,

wherein an oval-shaped attitude switching hole supported by the supporting shaft is formed at the floating engaging member, wherein an engaging position is set at one end of the attitude switching hole ~~as a long hole~~ and a retreating position is set at the other end of the attitude switching hole, and

wherein the switching mechanism is configured such that the floating engaging member takes the engaging attitude by locating the supporting shaft at the engaging position in the attitude switching hole when the operating lever is rotated in a predetermined operating direction so that the pinion rotates the backing face of the auxiliary roller in the counter-transfer direction, and the floating engaging member takes the retreating attitude by locating the supporting shaft at the retreating position in the attitude switching hole when the operating lever is rotated in a direction reverse to the operating direction.

19. (Currently amended): A transfer tool ~~as state in~~ according to claim 14, wherein the operating lever includes ~~when the operating lever is rotated in a predetermined operating direction so that the pinion rotates the backing face of the auxiliary roller in the counter transfer direction,~~ an elastic deforming part for accumulating a force rotating the operating lever in a direction reverse to ~~[[the]]~~ a predetermined operating direction due to elastic deformation ~~is formed at the operating lever~~ when the operating lever is rotated in the operating direction so that the pinion rotates the backing face of the auxiliary roller in the counter-transfer direction.

20. (Currently amended): A transfer tool ~~as state in~~ according to claim 14, wherein the operating lever is rotatably and pivotally attached to the transferred object supporter at one end thereof and supports the floating engaging member at the other end thereof,

wherein ~~an attitude switching hole~~ a supporting shaft supporting the floating engaging member is formed at the other end of the operating lever,

wherein ~~a supporting shaft~~ an oval-shaped attitude switching hole is provided at the floating engaging member, wherein an engaging position is set at one end of the attitude switching hole ~~as a long hole~~ and a retreating position is set at the other end of the attitude switching hole, and

wherein the switching mechanism is configured such that the floating engaging member takes the engaging attitude by locating the supporting shaft at the engaging position in the attitude switching hole when the operating lever is rotated in a predetermined operating direction so that the pinion rotates the backing face of the auxiliary roller in the counter-transfer direction, and the floating engaging member takes the retreating attitude by locating the supporting shaft at the retreating position in the attitude switching hole in the normal use state~~[[,]]~~ when the rack part comes into contact with the pinion and the floating engaging member ~~[[repulses]]~~ is repulsed due to the rotation of the pinion with the rotation of the auxiliary roller caused by moving the transferred object in the counter-transfer direction.

21. (Currently amended): A transfer tool ~~as state in~~ according to claim ~~[[14]]~~ 18, wherein the floating engaging member includes an elastic deforming part for accumulating a force of moving the supporting shaft from the retreating position to the engaging position therein ~~is formed at the floating engaging member~~ when the supporting shaft is located at the retreating position in the attitude switching hole.

22. (Currently amended): A transfer tool ~~as state in~~ according to claim 14, wherein the rack part includes a plurality of transmitting teeth each having a transmitting face facing a direction of rotating the pinion and an inclined face connecting ~~[[between]]~~ the transmitting faces, ~~are formed at the rack part and~~

wherein the pinion includes a plurality of engaging teeth each having an engaging face capable of engaging ~~the pinion~~ with the transmitting face ~~are formed~~,

wherein the feeding mechanism is configured so that, when the transmitting ~~[[tooth]]~~ teeth of the rack part operates in the direction in which the transmitting face of one of the transmitting ~~[[tooth]]~~ teeth comes into contact with the engaging face of one of the engaging ~~[[tooth]]~~ teeth in the feeding state where the floating engaging member takes the engaging attitude, the pinion rotates in conjunction with the rack part with the floating engaging member being taking the engaging attitude, and

wherein the switching mechanism is configured so that, when the engaging ~~[[tooth]]~~ teeth of the pinion moves and the front end of one of the engaging ~~[[tooth]]~~ teeth comes into contact with the inclined face of one of the transmitting ~~[[tooth]]~~ teeth in the feeding state, the rack part

is separated from the pinion and the floating engaging member switches from the engaging attitude to the retreating attitude, thereby switching to the normal use state where the pinion runs idle relative to the rack part.

23. (Currently amended): A transfer tool ~~as state in~~ according to claim 13, wherein the operating part has an operating lever operably attached to the transferred object supporter and a floating engaging member capable of engaging with the pinion following the operation of the operating lever,

wherein the floating engaging member includes a rack part engaged with the pinion, which is capable of rotating the backing face of the auxiliary roller in the counter-transfer direction ~~is formed at the floating engaging member~~, and

wherein the transfer tool further comprises a releasing mechanism to separate ~~[[separates]]~~, in the normal use state, the rack part from the pinion so as not to contact ~~[[against]]~~ with each other.

24. (Currently amended): A transfer tool ~~as state in~~ according to claim 23, wherein the releasing mechanism is configured so as to switch the floating engaging member from ~~[[the]]~~ an engaging attitude in which the pinion engages with the rack part to ~~[[the]]~~ a releasing attitude in which the pinion is separated from the rack part with the operation of the operating lever.

25. (Currently amended): A transfer tool ~~as state in~~ according to claim 24, wherein the releasing mechanism is configured so as to bring the floating engaging member into the releasing attitude ~~in the vicinity of a rotating end edge in~~ when the operating lever is substantially positioned at an end of a rotating range of the operating lever.

26. (Currently amended): A transfer tool ~~as state in~~ according to claim 23, wherein the operating lever includes an elastic member for accumulating an elastic repulsive force in ~~the reverse direction~~ a direction reverse to a rotating direction of the operating lever when the operating lever is rotated ~~is attached to the operating lever.~~

27. (Currently amended): A transfer tool ~~as state in~~ according to claim 25, wherein the releasing mechanism has a floating engaging member supporting mechanism capable of movably supporting the floating engaging member so as to take the engaging attitude or the releasing attitude and an operating force converting mechanism for converting the rotating operation of the operating lever into a retreating operation to switch the floating engaging member from the engaging attitude to the releasing attitude.

28. (Currently amended): A transfer tool ~~as state in~~ according to claim 27, wherein the floating engaging member supporting mechanism has a supporting shaft ~~which is~~ formed at one of the operating lever and the floating engaging member, ~~and supports the floating engaging member~~ and an attitude switching part ~~which is~~ formed at the other of the operating lever and the

floating engaging member, and movably supports the supporting shaft so that the floating engaging member may take the engaging attitude and the releasing attitude.

wherein the supporting shaft supports the floating engaging member, and

wherein the attitude switching part movably supports the supporting shaft so that the floating engaging member may take the engaging attitude and the releasing attitude.

29. (Currently amended): A transfer tool ~~as state in~~ according to claim 27, wherein the floating engaging member supporting mechanism has an elastic deforming part for accumulating a repulsive force returning the floating engaging member from the releasing attitude to the engaging attitude when the floating engaging member takes the releasing attitude.

30. (Currently amended): A transfer tool ~~as state in~~ according to claim 27, wherein the operating force converting mechanism has a cam face provided at one of the transferred object supporter and the floating engaging member, and an urging part ~~which is~~ provided at the other of the transferred object supporter and the floating engaging member, and

wherein the urging part can slidingly contact ~~[[against]]~~ the cam face.

31. (Currently amended): A transfer tool ~~as state in~~ according to claim 30, wherein the cam face is formed on the upper face of the floating engaging member and the urging part is provided at a position opposed to the cam face on the lower face of the transferred object supporter.

32. (Currently amended): A transfer tool ~~as state in~~ according to claim 30, wherein the cum face includes a positioning part for coming into contact with the urging part to position the floating engaging member in the releasing attitude when the operating lever is located at the end of the rotating range ~~the rotating end edge is formed at the cam face.~~

33. (Withdrawn): A transfer tool used when a transferring object is transferred on a transferred object such as a paper comprising

at least a transfer tool main unit having a transfer head capable of bringing the transferring object into contact with the transferred object and a transferred object supporter capable of contacting against the transferred object from a back face corresponding to a contact area with the transfer head of transferred object in the state where the transfer head contacts against the transferred object, wherein

the transfer head is configured so as to have a transfer face which comes into contact with the transferred object and on which the transferring object is transferred at the transfer of the transferring object on the transferred object and transfer the transferring object on the transferred object by bringing the transfer face into contact with the transferred object and moving the transfer face in a predetermined transfer direction,

an inserting space into which the transferred object is inserted is formed between the transferred object supporter and the transfer tool main unit and the transfer head is disposed in the inserting space so that at least the transfer face is exposed from the transfer tool main unit, and

a feeding mechanism for feeding the transferring object to the transferred object by a certain dimension through the transfer face in the state where the transfer face is stopped and pressed with respect to the transferred object.

34. (New): A transfer tool used when a transferring object is transferred on a transferred object comprising:

a transfer tool main unit having at least a transfer head capable of bringing the transferring object into contact with the transferred object, the transfer head having a transfer face which comes into contact with the transferred object and on which the transferring object is transferred on the transferred object at the time of the transfer of the transferring object, wherein, in a normal use state, the transferring object is transferred on the transferred object by bringing the transfer face into contact with the transferred object and moving the transfer face in a predetermined transfer direction;

a feeding mechanism for feeding the transferring object to the transferred object by a certain dimension through the transfer face in the state where the transfer face is stopped and pressed with respect to the transferred object; and

a switching mechanism for selectively switching between a feeding state by the action of the feeding mechanism and the normal use state where the feeding state is released while holding the transfer face in contact with the transferred object.